Air Armament Center (AAC)

AAC

ARMAMENT FOR THE BATTLEFIELD

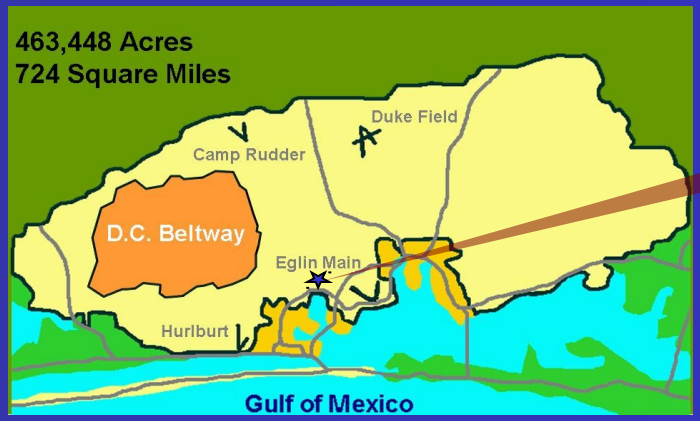
Judy A. Stokley
Deputy for Acquisition

Air Armament Center (AAC)

AAC

- Provides Weapons And Combat Support Systems To AF, Navy, Army, And More Than 30 Countries

- Strategic Advantage: Laboratory, Acquisition Offices, Developmental And Operational Test Organizations Are Co-located At The AAC



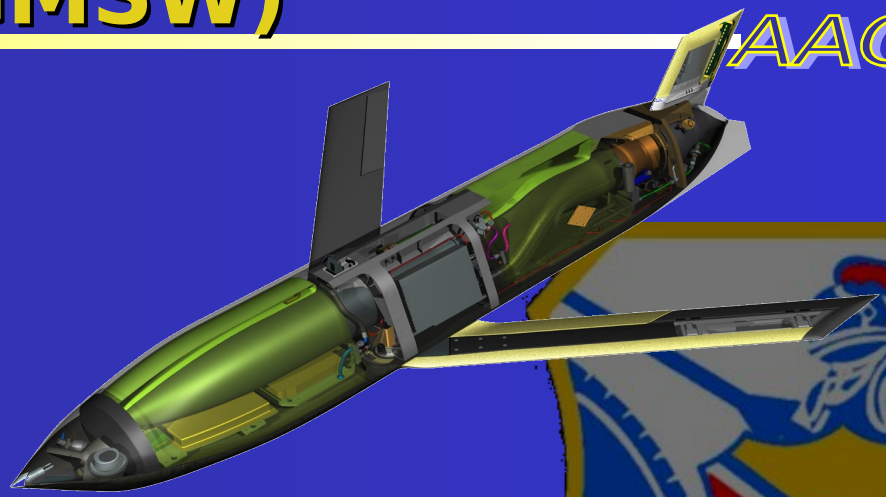
AFMC/ AAC Mission

Deliver War-winning Technology, Acquisition Support, Sustainment, And Expeditionary Capabilities To The Warfigher

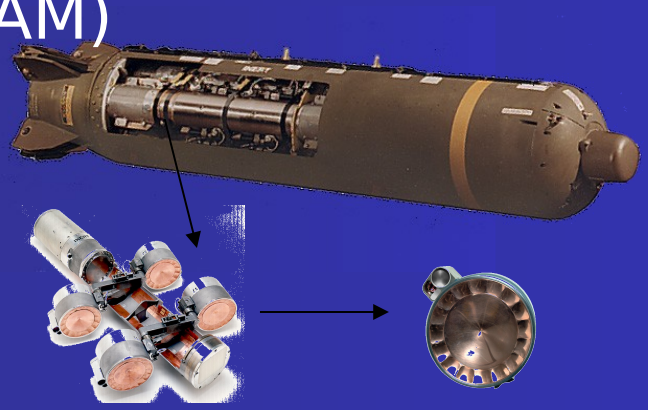
Air-to-Ground Munitions Systems Wing (AGMSW)

AAC

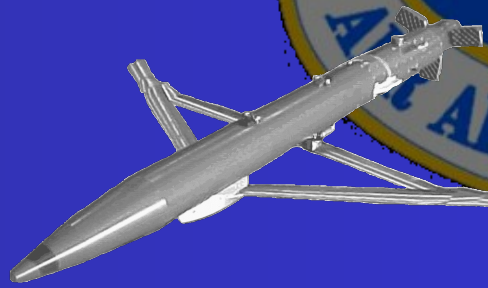
Joint Direct Attack Munition (JDAM)



Joint Air Surface Standoff Missile (JASSM)



Sensor Fuzed Weapon (SFW)



Small Diameter Bomb (SDB)

Air-to-Air Missile System Wing (AAMSW)

AAC

Advanced Medium-Range, Air-to-Air Miss (AMRAAM)

Harm Targeting System (HTS)

QF-4 Full Scale Target

Sidewinder AIM – 9X

Air Force Sub-Scale Aerial Target (AFSAT)

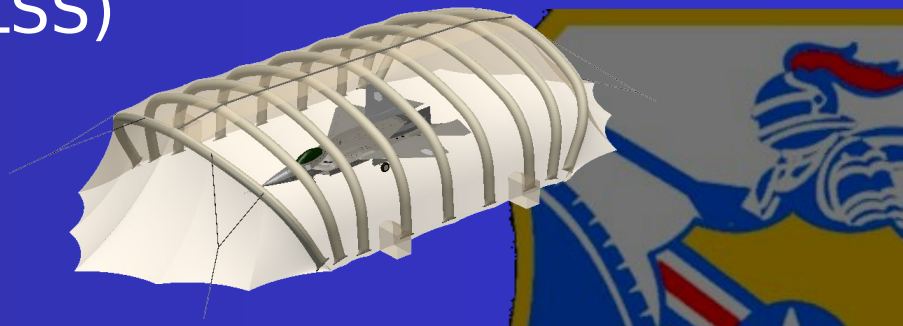
Miniature Air Launched Decoy (MALD)

Air Combat Support Systems Group (ACSSG)

AAC

All Purpose Remote Transport System (ARTS)

Large Shelter System (LSS)



Universal Munitions Trailer (UMT)

Munitions Assembly Conveyor

JDAM For OEF And OIF The Future?

AAC

- **Prior to 11 Sept 01 Attacks**
  - 700 Units Per Month
  - Aircraft

MK 82 (500 lb)	MK 83 (1000 lb)	MK 84 (2000 lb)	
None	F/A-18 C/D	F-16 Blk 50	F-14
		F/A-18 C/D	B-2
		B-52	B-1

- **Today**
  - 2800 Units Per Month
  - More Aircraft Integrations - Smaller Bombs

MK 82 (500 lb)		MK 83 (1000 lb)	MK 84 (2000 lb)	
B-2	F-15E*	F/A-18 C/D	F-16 Blk 50	F-14
F-16 Blk 30*	F/A-18 C/D	F/A-18 E/F	F/A-18 C/D	B-2
F-16 Blk 40*	MQ-9* (FY06)	AV-8B	F/A-18 E/F	B-1
F-16 Blk 50*	B-1 (FY06)	F-22 (FY-06)		B-52

* Quick Reaction Capability

Precision + Low Collateral Damage + Platform Flexibility in Months Vice Years

Preparing For The Future

AAC

- **Small Diameter Bomb**
  - Field More Precise, 250 lb Bomb In FY06
- **Universal Armament Interface**
  - Develop Plug-and-Play Aircraft/Weapon Interfaces
- **Net-Ready Weapons**
  - Establish Interface Standard For Weapon Data Links
    - ACTD FOR SDB, JASSM, JSOW-C, MALD-J
- **Directed Energy Application – Are We Ready?**
  - 8-10 Feb 05 Workshop Focused On Transition
- **Armament Symposium – 4-5 Oct 05**
  - Focus Areas: CBRNE, CAS, Long Range Strike